BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 20.00Lakhs

Name of Work:-Construction of RCC Drain at Best County II In Ward No-03.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1.Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no142, PWD SR 2016-17)	Cum							
	1St B Main CC drain		1	228.00	1.00	0.70	159.60		
	Culverts		4	7.50	1.20	0.90	32.40		
							192.00	**86.92**	**16689.00**
	Basic Rate	82.00							
		82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 1				192.00	99.22	19049.00
	Basic Rate	68.00							
	Haulage for 8KM lead SRp-140(2.5*1.28*8)	25.60							
	Total	93.60							
	Area Weightage @ 6%	5.62							
	Total	**99.22**							
3	KSRRB M2100 PCC 1 KSRRB M2100-10. Plain cement concrete M10 with OPC cement @ 220kgs. with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 (P No. 218/27.18)	Cum							
	1St B Main CC drain		1	228.00	0.90	0.15	30.78		
	Culverts		4	7.50	1.00	0.15	4.50		
							35.28	**5972.04**	**210694.00**
	Basic Rate	5634.00							
		5634.00							
	Area Weightage @ 6%	338.04 1							
	Total	**5972.04**							

4	Providing laying palin / reinforced cement concrete for Side Drain using M20 normal mix concrete with OPC cement at 300kgs with 20 mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @machine mixed, Well compacted for wall and bottom including centering shuttering Cost of material HOM of machinery curing etc excluding cost of steel as per MORTH Specification No. 1500,1700,2200 walls & bottomof thicknes 15(Page. 265 / Item.No. 37.59 2)	Cum							
	1St B Main Bottom Concrete :-Drain		1	228.00	0.90	0.12	24.62		
	Culverts		4	7.50	1.20	0.25	9.00		
	Side walls		2	228.00	0.15	0.60	41.04		
			8	7.50	0.25	0.80	12.00		
	Deck slab		4	7.50	1.00	0.25	7.50		
	Approaches		8	7.50	0.85	0.10	5.10		
							99.26	7354.28	730015.00
	Basic Rate	6938.00							
		6938.00							
	Area Weightage @ 6%	416.28							
	Total	**7354.28**							
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2016-17,p.no17,s.no4.46)	Tonne,s							
	0.080 tonne,s / cum						7.53	60103.06	452761.00
	Basic Rate	56701.00							
		56701.00							
	Area Weightage @ 6%	3402.06							
	Total	**60103.06**							
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecification S.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm							
	Culverts		16	7.50		1.00	120.00		
	Deck slab bottom		4	7.50	0.60		18.00		
							138.00	310.58	42860.00
	Basic Rate	293.00							
		293.00							
	Area Weightage @ 6%	17.58							
	Total	**310.58** ^{2}							

7	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	Covering slabs:-		1	228.00	0.90		205.20		
	Extra						45.00		
8	Miscellaneous & Unforeseen Charges						250.20	2100.00	525420
									2,50
								TOTAL	20000

(Rupees Twenty lakhs Only)

CERTIFICATE :-

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2017-18
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ward No 03

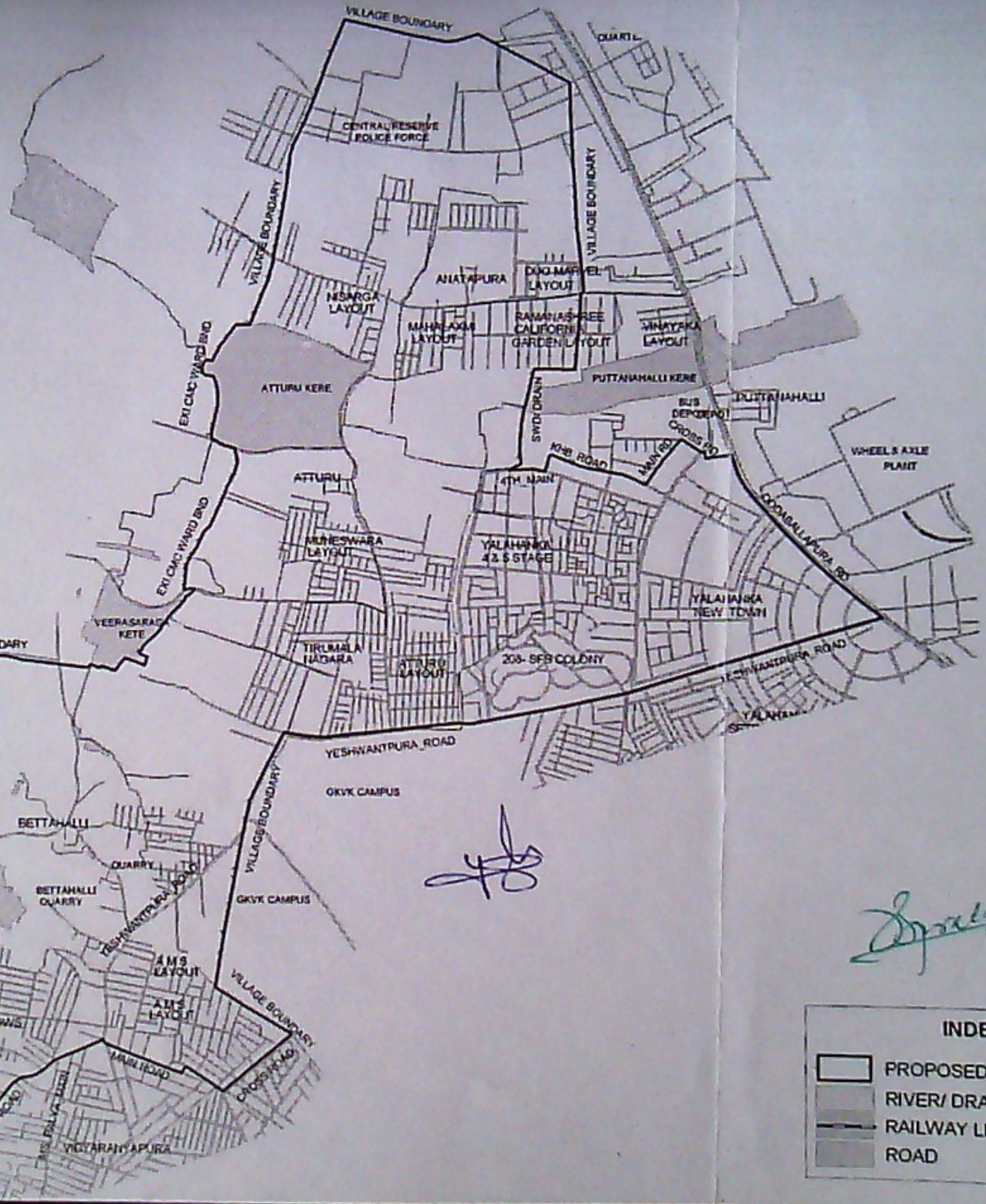
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Technical Sanction
Accorded for ...20.00 Lakh...
Head of A/C...D.1.2.1...
CER NO :..... Dt:..

TA ... CE (YNK).

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU



NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09